



10/14/04

IFW

PATENT
Attorney Docket No. 030557

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Gladysz, et al. :
: Title: RECOVERY METHOD FOR
Group Art Unit: 1621 : CATALYSTS, REAGENTS AND
: CO-PRODUCTS
Serial No.: 10/664,105 :
: Filing Date: September 17, 2003 :

INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15222
October 13, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants, in accordance with their duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advise the United States Patent and Trademark Office of the references listed on the accompanying form PTO/SB/08A (substitute for 1449A/PTO) *Information Disclosure Statement by Applicant*.

Applicants note that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Express Mail" mailing label number ED249800695US

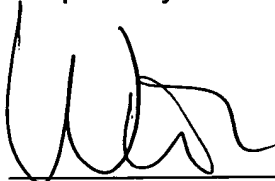
Date of Deposit October 13, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Applicants further note that the filing of this *Information Disclosure Statement by Applicant* is not an admission that the references cited herein constitute prior art under 35 U.S.C. §§ 102-103 with respect to the captioned application.

Pursuant to 37 C.F.R. § 1.97(b)(1), Applicants submit that no fee is necessary for consideration of this *Information Disclosure Statement by Applicant*. Nevertheless, the Commissioner is hereby authorized to charge any additionally required fees deemed necessary for consideration of this *Information Disclosure Statement by Applicant* to Account No. 11-1110.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'W. E. Kuss', written over a horizontal line.

William E. Kuss
Registration No. 41,919
Attorney for Applicants

KIRKPATRICK & LOCKHART LLP
Henry W. Oliver Building
535 Smithfield Street
Pittsburgh, Pennsylvania 15222-2312

Telephone: (412) 355-6323
Facsimile: (412) 355-6501

Customer No.: 26,285



PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known				
	Application Number		10/664,105		
	Filing Date		September 17, 2003		
	First Named Inventor		Gladysz		
	Art Unit		1621		
	Examiner Name				
Sheet	2	of	3	Attorney Docket Number	030705

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
		I.T. Horvath, J. Rabai; "Facile catalyst separation without water: Fluorous biphasic hydroformylation of olefins", <i>Science</i> 1994, 266, 72-75.	
		N.D. Danielson, L.G. Beaver, J. Wangsa; "Fluoropolymers and fluorocarbon bonded phases as column packings for liquid chromatography", <i>Journal of Chromatography</i> 1991, 544, 187-199.	
		D.P. Curran; "Fluorous Techniques for Synthesis of Organic Molecules: A Unified Strategy for Reaction and Separation", <i>Stimulating Concepts in Chemistry</i> , F. Vögtle, J.F. Stoddardt and M. Shibasaki, Ed.; Wiley-VCH: New York, 2000; pp 25.	
		D.P. Curran; "Fluorous reverse phase silica gel. A new tool for preparative separations in synthetic organic and organofluorine chemistry", <i>Synlett</i> 2001, 1488-1496.	
		K. Ishihara, S. Kondo, H. Yamamoto; "3,5-Bis (Perfluorodecyl) phenylboronic acid as an easily recyclable direct amide condensation catalyst", <i>Synlett</i> 2001, 1371-1374.	
		D.E. Bergbreiter, J.G. Franchina; "A Soluble Fluorous Phase Polymer Support", <i>Chemical Communications</i> , 1997, 1531-1532.	
		D.E. Bergbreiter, P.L. Osburn, A. Wilson, E.M. Sink; "Palladium-Catalyzed C-C Coupling under Thermomorphic Conditions", <i>Journal of the American Chemical Society</i> , 2000, 122, 9058-9064.	
		K. Olofsson, S.Y. Kim, M. Larhed, D.P. Curran, A. Hallberg; "High-speed, highly fluorous organic reactions", <i>Journal of Organic Chemistry</i> , 1999, 64, 4539-4541.	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.



PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known			
				Application Number		10/664,105	
				Filing Date		September 17, 2003	
				First Named Inventor		Gladysz	
				Art Unit		1621	
				Examiner Name			
Sheet	3	of	3	Attorney Docket Number		030705	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
		K. Mikami, Y. Mikami, Y. Matsumoto, J. Nishikido, F. Yamamoto, H. Nakajima; "Lewis acid catalysis by lanthanide complexes with tris(Perfluorooctanesulfonyl)methide ponytails in fluorous recyclable phase", <i>Tetrahedron Letters</i> , 2001 42, 289-292.	
		J.N. Xiang, A. Orita, J. Otera; "Fluoroalkyldistannoxane catalysts for transesterification in fluorous biphasic technology", <i>Advanced Synthesis & Catalysis</i> , 2002, 344, 84-90.	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.